

4.2.M. 06010103150.

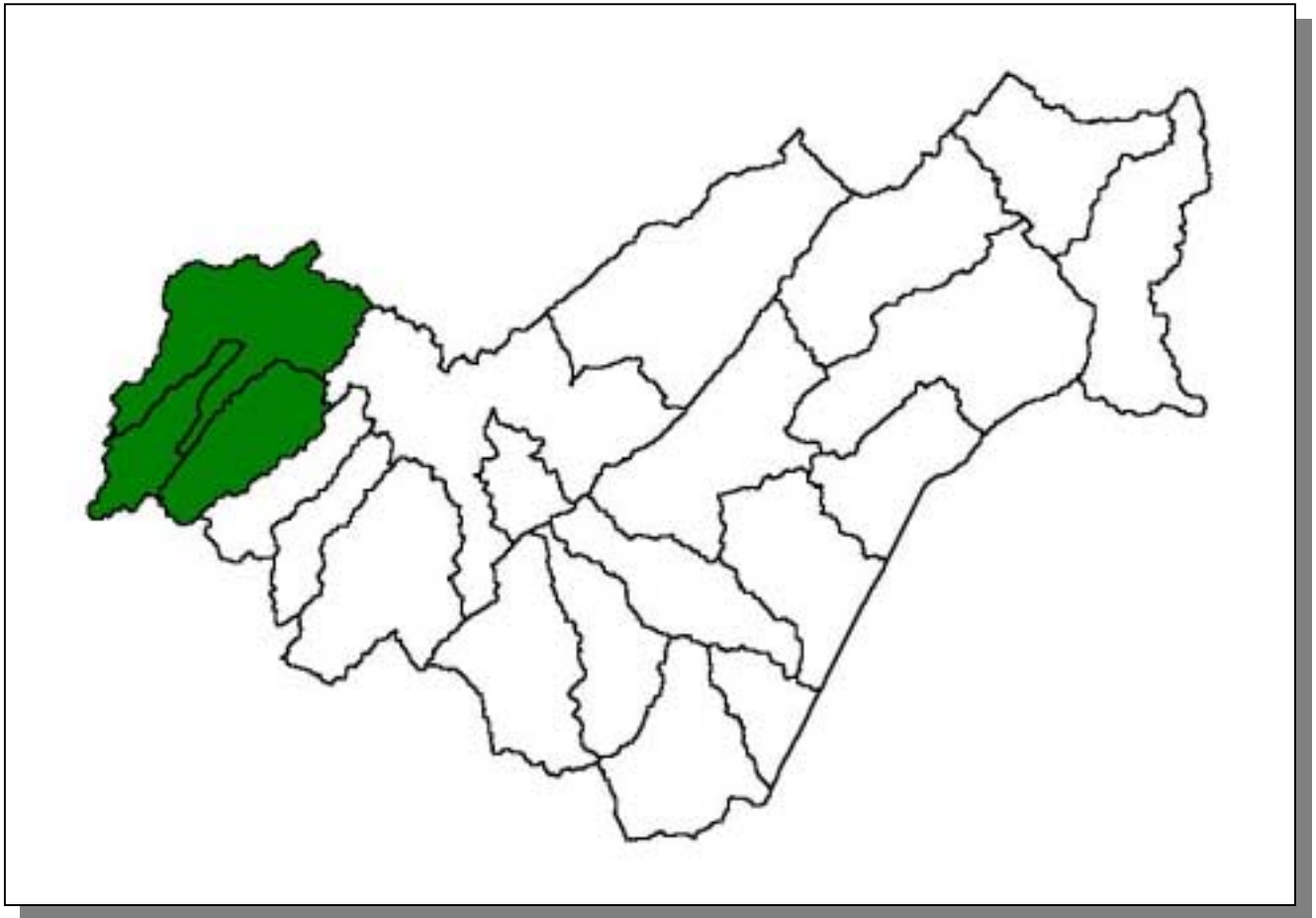


Figure 4-69. Location of Subwatershed 06010103150. All Watauga HUC-14 subwatershed boundaries are shown for reference.

4.2.M.i. General Description.

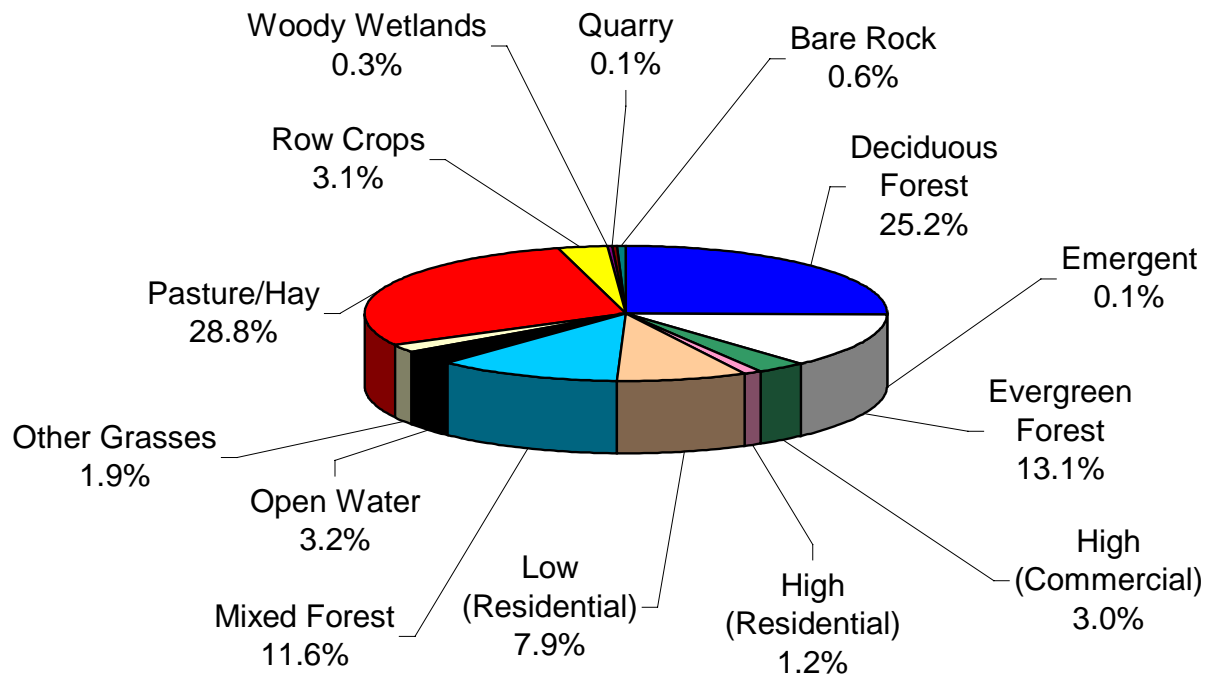


Figure 4-70. Land Use Distribution in Subwatershed 06010103150. More information is provided in Watauga-Appendix IV.

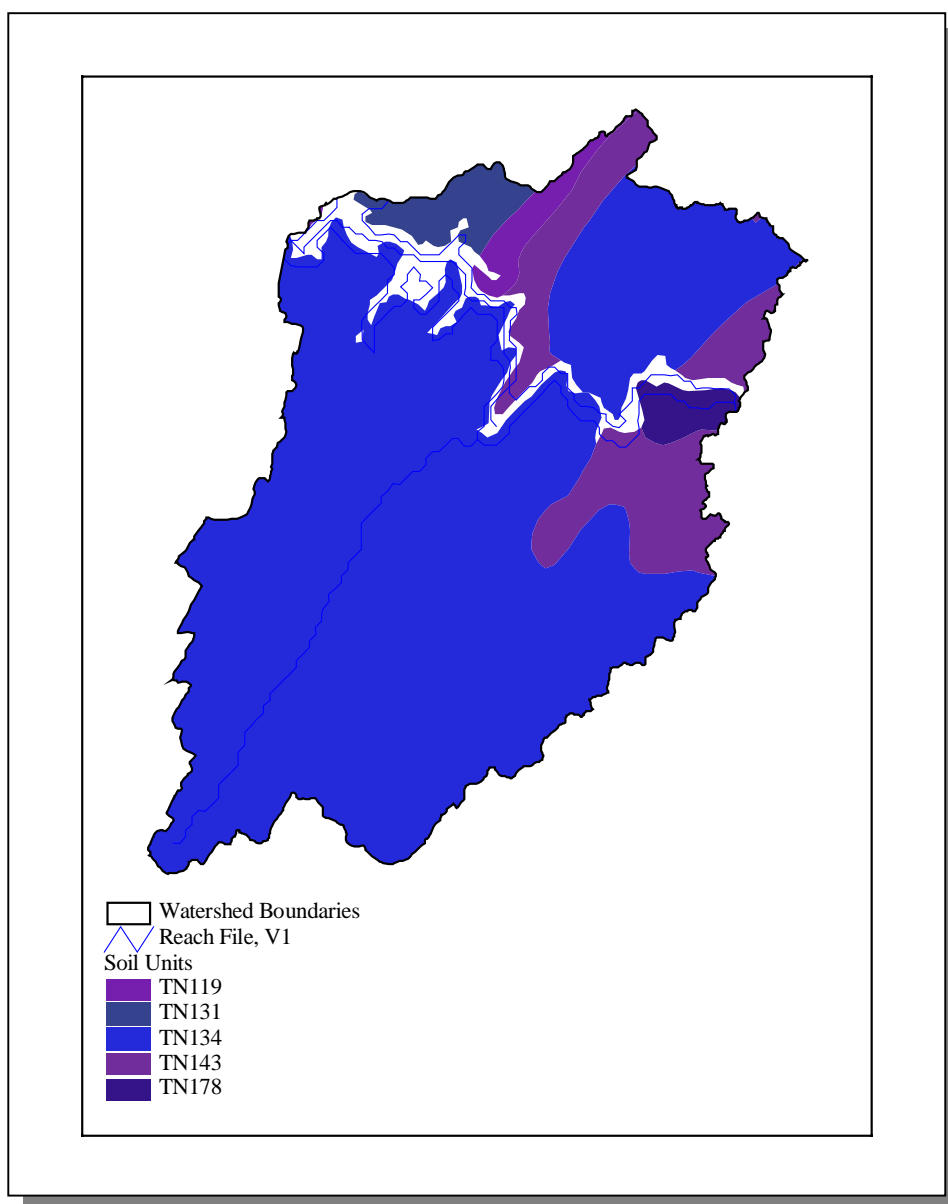


Figure 4-71. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103150.

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN119	0.00	0.00	C	5.15	Loam	0.33
TN131	0.00	0.00	C	4.95	Silty Loam	0.33
TN134	0.00	0.00	B	5.18	Loam	0.31
TN143	0.00	0.00	C	6.44	Loam	0.32
TN178	8.00	8.00	C	5.45	Loam	0.28

Table 4-69. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 06010103150. More information is provided in Watauga-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Sullivan	143,596	150,371	3.89	5,588	5,852	4.7
Washington	92,315	101,368	17.05	15,744	17,288	9.8
Totals	235,911	251,739		21,332	23,140	8.5

Table 4-70. Population Estimates in Subwatershed 06010103150.

			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Johnson City	Washington	49,178	21,214	19,213	2,001	0
Jonesborough	Washington	3,196	1,232	1,098	134	0
Bristol	Sullivan	23,421	10,403	9,751	637	15
Totals		75,795	32,849	30,062	2,772	15

Table 4-71. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 06010103150.

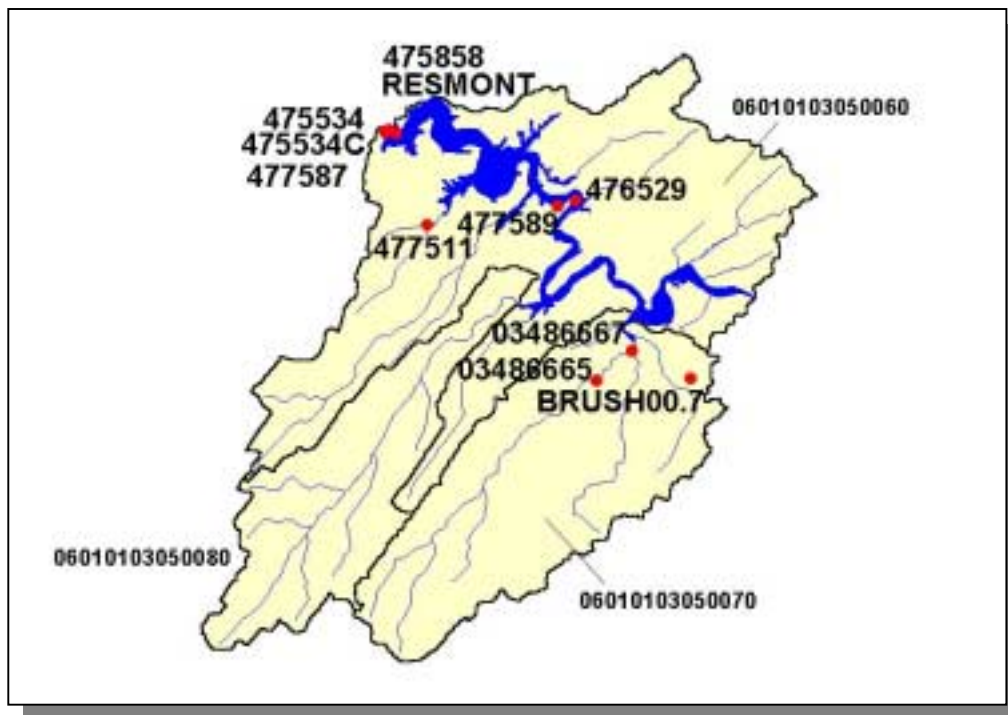


Figure 4-72. Location of STORET Monitoring Sites in Subwatershed 06010103150. Subwatershed 06010103050060, 06010103050070, and 06010103050080 boundaries are shown for reference. More information is provided in Watauga-Appendix IV.

4.2.M.ii. Point Source Contributions.

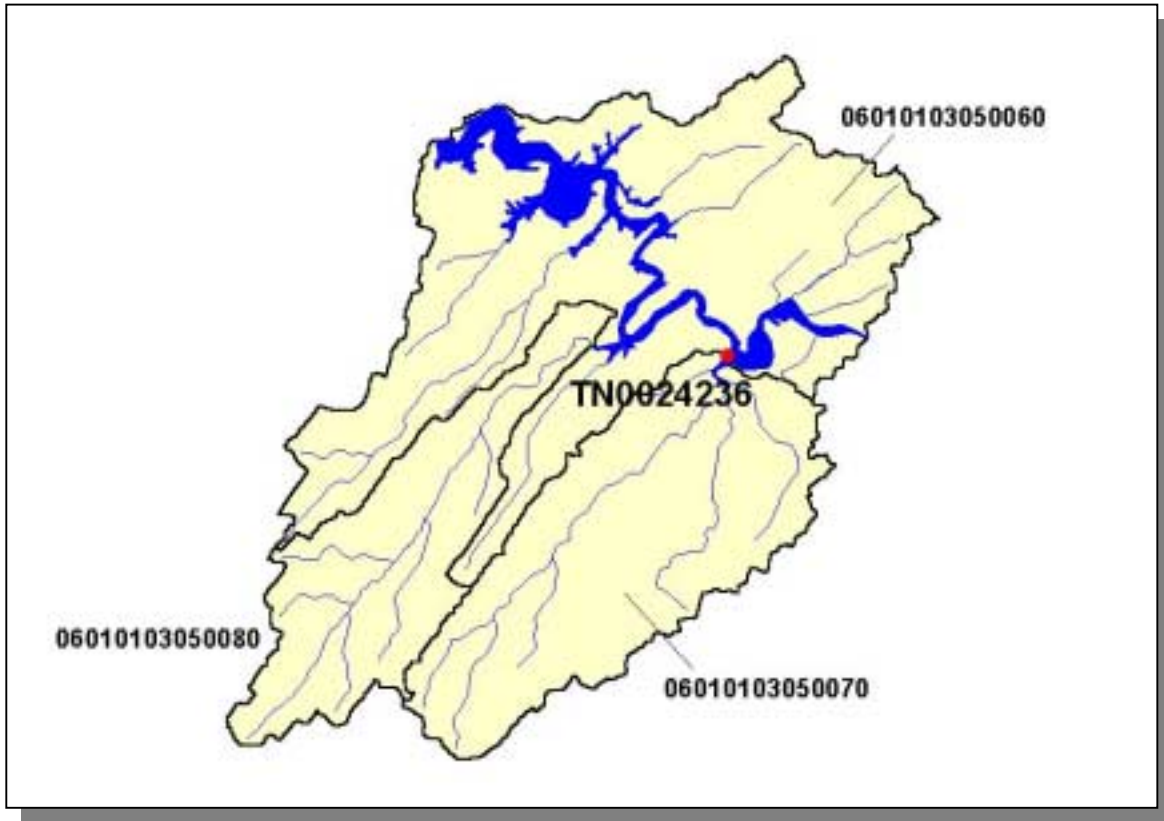


Figure 4-73. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 06010103150. More information, including the names of facilities, is provided in Watauga-Appendix IV.

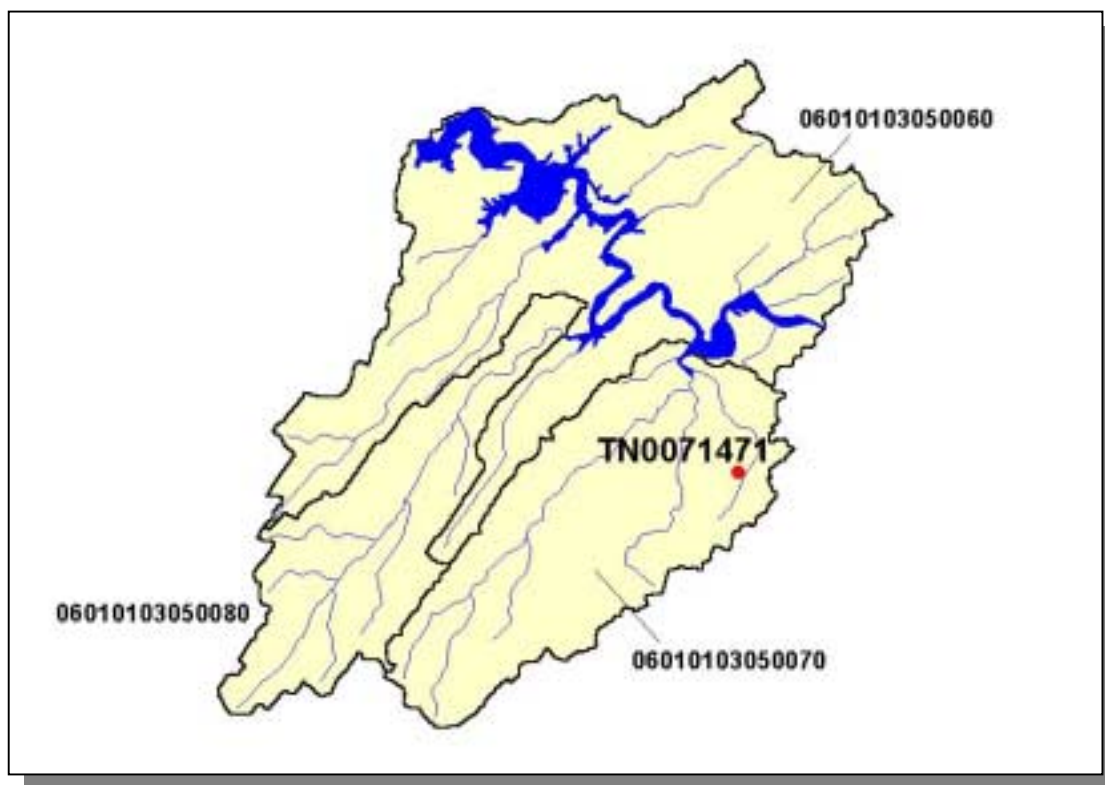


Figure 4-74. Location of Active Mining Sites in Subwatershed 06010103150. Subwatershed 06010103050060, 05130103 050070 and 06010103050080 boundaries are shown for reference. More information, including the names of facilities, is provided in Watauga-Appendix IV.

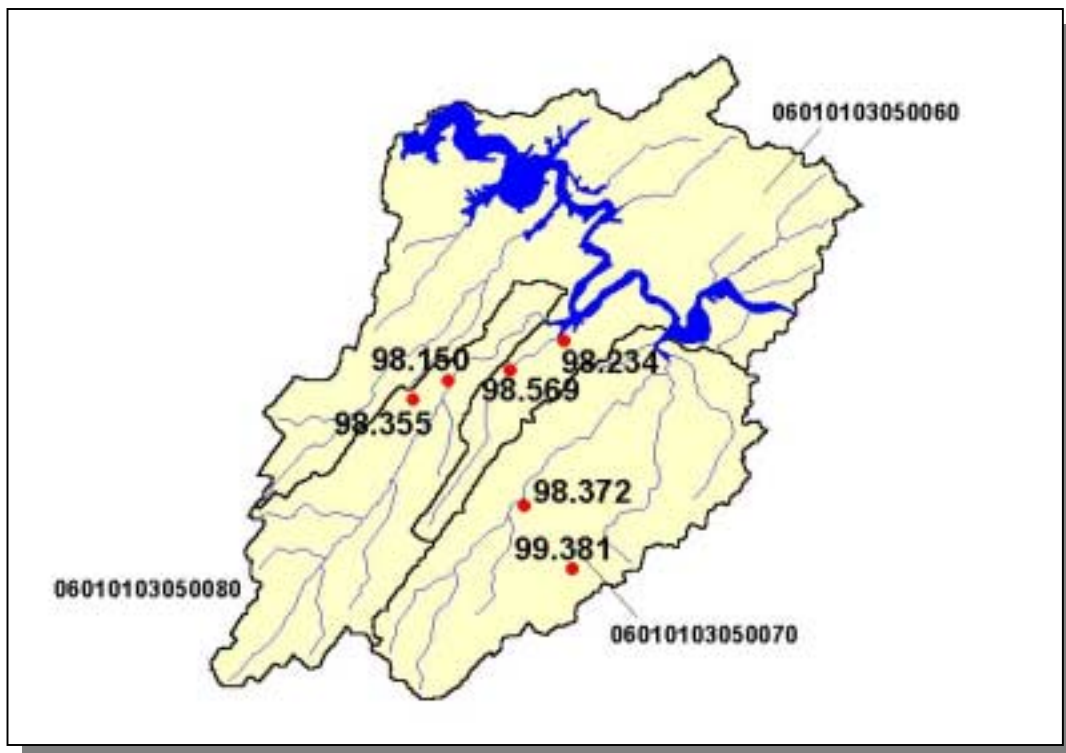


Figure 4-75. Location of ARAP Sites (Individual Permits) in Subwatershed 06010103150. Subwatershed 06010103050060, 06010103050070, and 06010103050080 boundaries are shown for reference. More information is provided in Watauga-Appendix IV.

4.2.M.iii. Nonpoint Source Contributions.

LIVESTOCK (COUNTS)					
Beef Cow	Milk Cow	Cattle	Chickens	Hogs	Sheep
6,026	1,209	13,791	11	65	82

Table 4-72. Summary of Livestock Count Estimates in Subwatershed 06010103150.
According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

County	INVENTORY		REMOVAL RATE	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Sullivan	123.7	123.7	0.1	0.3
Washington	54.8	50.3	0.3	0.2
Total	178.5	174.0	0.4	0.5

Table 4-73. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 06010103150.

CROPS	TONS/ACRE/YEAR
Non Agricultural Land Use	0.00
Corn (Row Crops)	12.33
Tobacco (Row Crops)	5.98
Grass (Hayland)	0.57
Legume Grass (Hayland)	0.19
Grass (Pastureland)	0.74
Grass, Forbs, Legumes (Mixed Pasture)	0.69
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.25
Other Land in Farms	0.02

Table 4-74. Annual Soil Loss in Subwatershed 06010103150.